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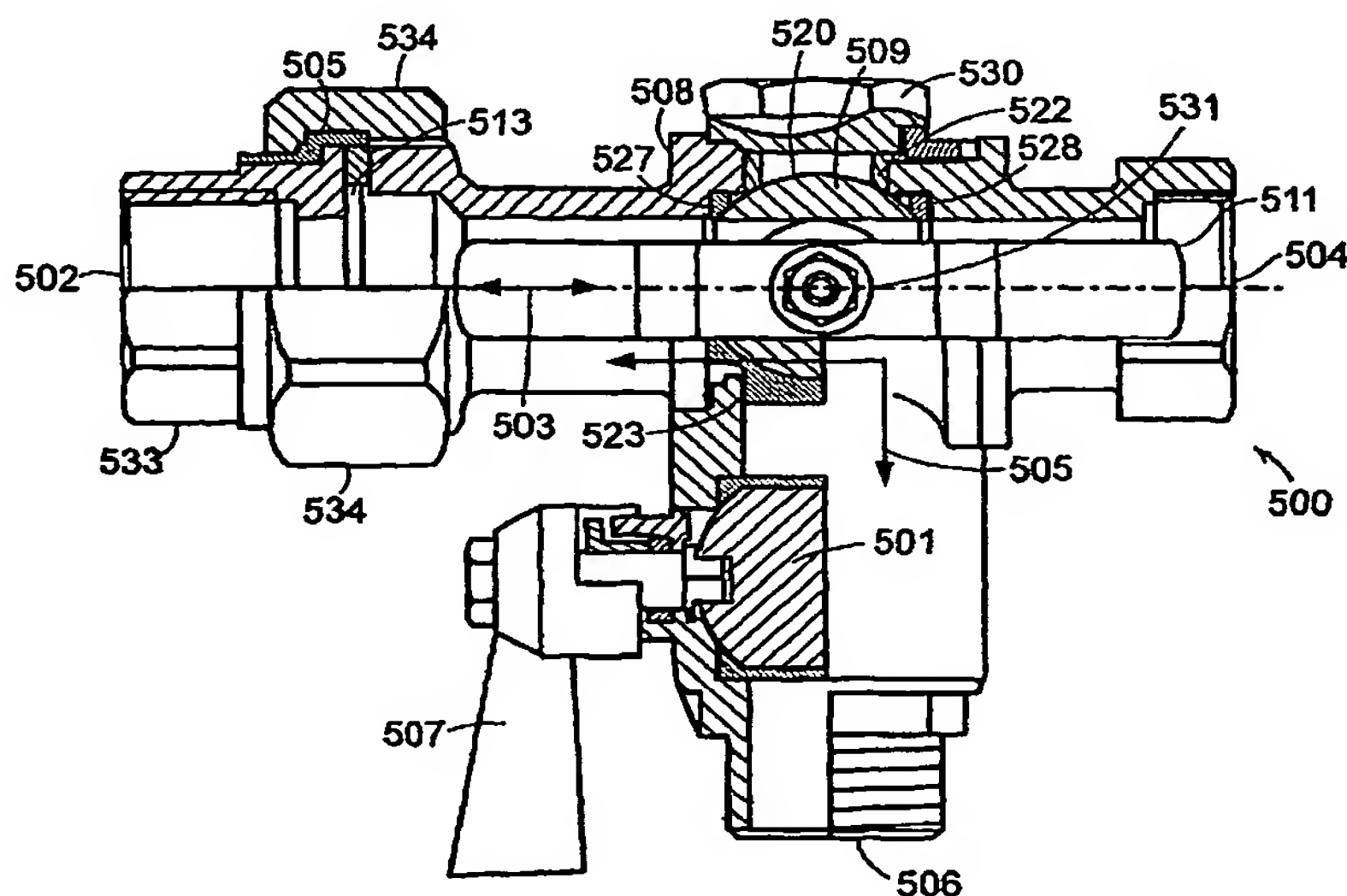
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(54) Title: ISOLATION VALVE WITH VALVE IN DRAIN



(57) Abstract: A fluid isolation valve having a valve body with a first fluid flow port, a second fluid flow port and a fluid drain port with a valve in the fluid drain port. The valve body also defines a fluid flow channel, a drain flow channel and a valve portion, wherein the valve portion is disposed in the valve body to be communicated with the first fluid flow port, the second fluid flow port and the fluid drain port. A flow diversion device is also provided and is disposed within the valve portion. The flow diversion device is configurable between a first configuration and a second configuration, such that when the flow diversion device is in the first configuration the first fluid flow port is communicated with the second fluid flow port. Consequently, when the flow diversion device is in the second configuration the first fluid flow port is communicated with the fluid drain port. The fluid flow can be decrease or stop by use of the valve within the fluid drain port.



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